

21. simulation
22. survey
23. observational study
24. experiment
25. encourages a yes response; *Sample answer:* Reword the question, for example: Should the budget of our city be cut?
26. encourages a response of watching a movie; *Sample answer:* Reword the question, for example: Would you rather watch a movie or read a book?
27. implies that the arsenic level is a health risk; *Sample answer:* Reword the question, for example: Do you think the government should address the issue of arsenic in tap water?
28. Respondents may be unwilling to answer truthfully when this question is asked by a child; *Sample answer:* Provide a method for the respondents to answer anonymously.
29. no; Responses to the question will accurately reflect the opinions of those being surveyed.
30. yes; The wording encourages a yes response.
31. yes; Visitors are unlikely to admit to a police officer that they do not wear their seatbelt.
32. yes; Not enough information is provided about the amendments to the Clean Air Act for respondents to give an accurate opinion.
34.
 - a. stratified sample
 - b. Because the counties (groups) are very different in population (size), selecting the same number of people from each county will underrepresent people living in counties with a large population, and overrepresent people living in counties with a small population.